

Trash Talk!

hi kids!



A quarterly newsletter of
Kansas Dept. of Health & Environment
Bureau of Waste Management
Fall 2001

Kansans Making A Difference!

America Recycles Day will be celebrated for the fifth time on November 15, 2001. America Recycles Day is an annual reminder that recycling has three equally important parts: collection, remanufacture and reuse, which we refer to as buying and using recycled-content products. All of these depend on you and your family. America Recycles Day is a great time to renew your commitment to recycling!

Here are just a few ways to reaffirm your recycling commitment: Gather all the recyclables in your home, at your school or at your place of worship, and place them in bins for collection. Read product labels and look for words such as "recycled content" or "post-consumer recycled content." Certain items almost always contain recyclable materials, including aluminum and steel cans, glass bottles

and jars, and paperboard products such as cereal, snack and gift boxes. Buy products with recycled content. Whenever you buy a recycled-content product, you help maintain the market for recyclable materials.

Be sure to cut out, fill in and send the America Recycles Day pledge card (below) to Beth Carreno at the Bureau of Waste Management. We'll have special *Trash Talk!* only drawings!

For more information, visit the web site, www.keepkansasbeautiful.com.



AMERICA RECYCLES DAY CONTEST ENTRY FORM

Here's how I'm renewing my commitment to recycling in the coming year:

(Check one or more)

- ☐ I'll buy more recycled-content products (like recycled office paper).
☐ I'll increase my recycling efforts at home, school and work (and follow the local guidelines).
☐ Other recycling-related effort: _____ (like attending an ARD event)

Name _____

Organization or business (optional) _____

Address _____

City _____ State _____ ZIP _____

County _____ Daytime Phone _____

(This information will not be sold or transferred.)

Please enter me in the random drawing to be held on or about December 15, 2001. One entry per person. No purchase necessary. Your name and address will be kept confidential. Entries must be received by November 20, 2001. For a complete set of rules, send a self-addressed stamped envelope to: America Recycles Day 2001 Contest Rules, 1727 King Street #105, Alexandria, VA 22314-2720.

AMERICA RECYCLES DAY is sponsored by:

Ford Motor Company



EPA



STAPLES

Mail your pledge form to:

KDHE, Bureau of Waste Management • Forbes Field, Building 740 • Topeka, KS 66620-0001

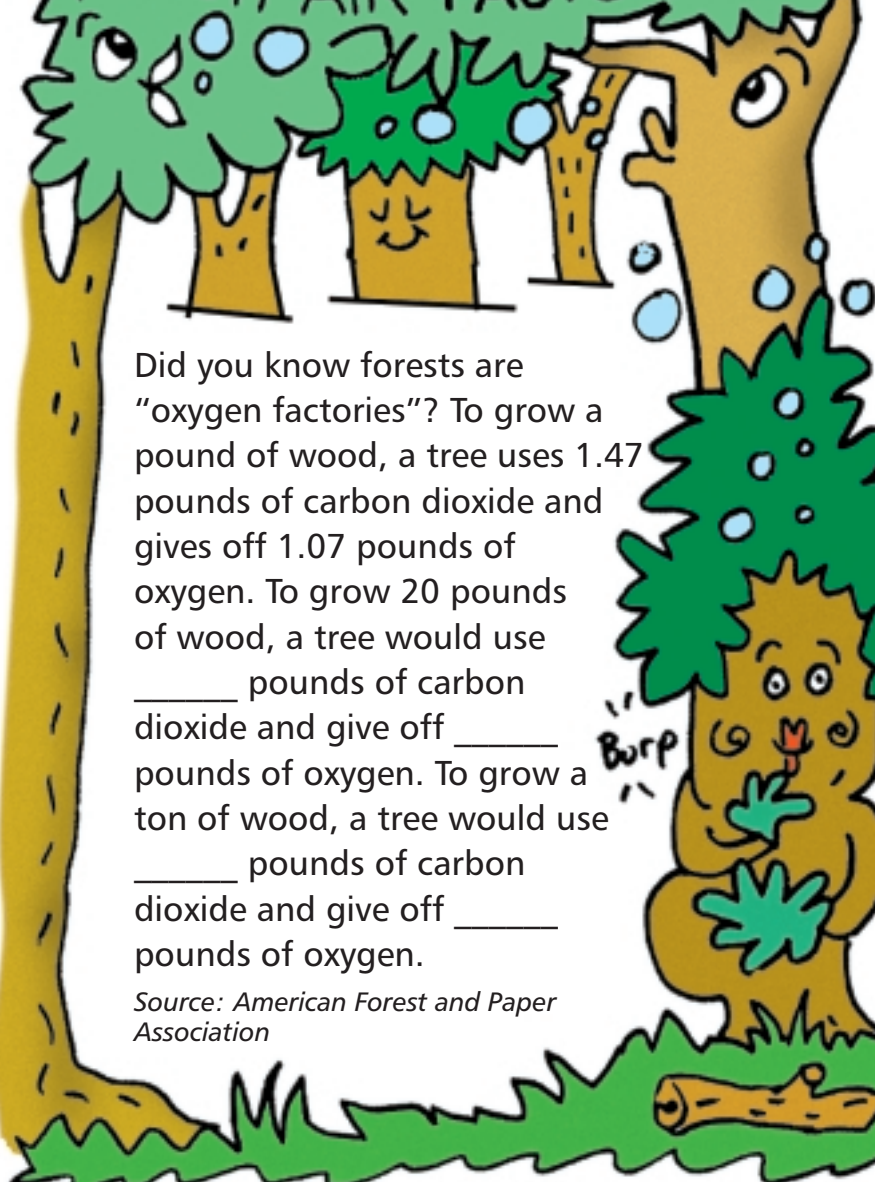


clip & return

America Recycles Day 2001 is a statewide effort being led by Keep Kansas Beautiful, a program of the Kansas Business and Industry Recycling Program, in cooperation with the Kansas Department of Health and Environment, Bureau of Waste Management.

MISSING MATH

FRESH AIR FACTORIES



Did you know forests are "oxygen factories"? To grow a pound of wood, a tree uses 1.47 pounds of carbon dioxide and gives off 1.07 pounds of oxygen. To grow 20 pounds of wood, a tree would use _____ pounds of carbon dioxide and give off _____ pounds of oxygen. To grow a ton of wood, a tree would use _____ pounds of carbon dioxide and give off _____ pounds of oxygen.

Source: American Forest and Paper Association

WHY did the worm cross the compost pile?

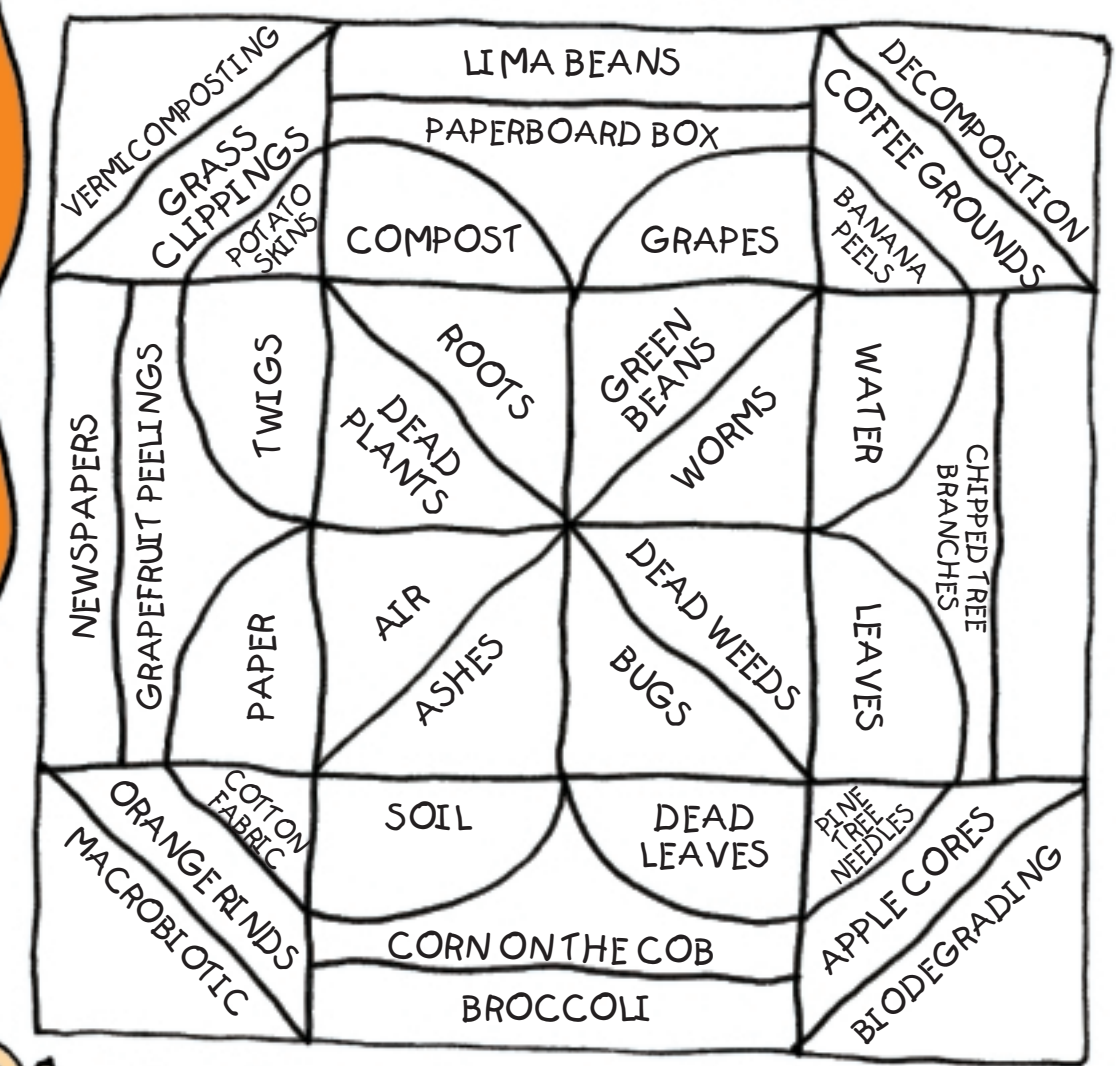
to get to the melon rind, of course!

Instructions: Many items found in your yard and kitchen can be placed in your backyard compost pile. Measure the distances between the materials listed below. Record your results in centimeters, rounding to one decimal place. Next, using the scale provided, calculate how far apart the items are in inches. Finally, note whether the items are more than 1 foot apart. Pay attention to the scale!

Measure from	to	Centimeters	Inches	More than 1 foot apart?
Melon rind	Banana peel	_____	_____	_____
Rotting vegetables	Leaves	_____	_____	_____
Paperboard box	Twigs	_____	_____	_____
Leaves	Grass clippings	_____	_____	_____
Coffee grounds	Rotting vegetables	_____	_____	_____
Banana peel	Paperboard box	_____	_____	_____
Twigs	Dead plants	_____	_____	_____
Grass clippings	Newspaper	_____	_____	_____
Newspaper	Melon rind	_____	_____	_____
Dead plants	Coffee grounds	_____	_____	_____
How tall is this compost pile? _____				
How wide is this compost pile? _____				
Bonus question: How far will the worm need to travel to reach the melon rind (in feet and inches)? _____				

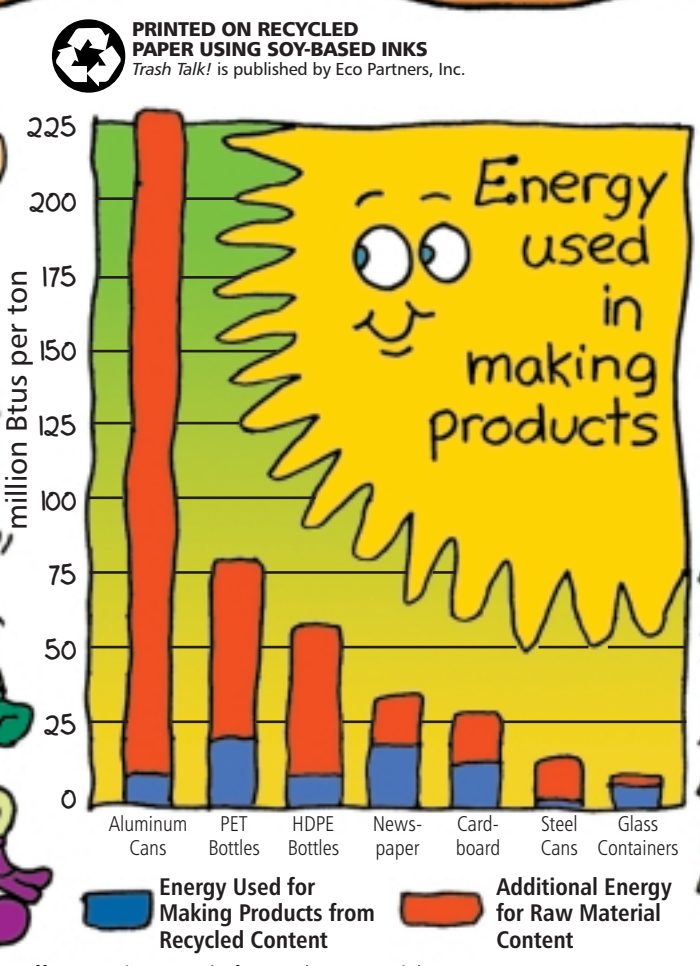
COMPOST QUILT

Years ago, after clothing was too worn to wear, people cut the fabric into pieces and sewed the pieces together to make a quilt. This was a good way to reuse old clothing. You can reuse old leaves and other organic material from your home and yard by composting.



LOWERING THE BAR!

Recycling has many benefits. One of them is that it conserves energy. Making new products from recyclables uses less energy than making the same products from raw materials. In fact, the total energy savings from recycling is about the same as the electricity needed to power 9 million homes for a whole year! Use the graph at right to answer questions about the energy needed to make products.



- Which containers require more energy to produce: PET or HDPE bottles? _____
- For which product does recycling save the most energy? _____
- How much energy is saved by recycling newspaper (in Btus)? _____
- What percentage of energy is saved by recycling steel cans? _____
- Which product requires the least amount of energy to produce on a per-ton basis? _____
- How much energy is used to create a ton of cardboard from raw materials? _____

The words and phrases in the quilt block above are all things linked to composting.

- Color all one syllable words with stripes.
- Color all two syllable words or phrases in blue.
- Color all three syllable words or phrases with large dots.
- Color all four syllable words or phrases in red.
- Color all five syllable words in green.



There's a mystery in Kansas, and we need your help to solve it. As you read this, thousands of Kansans are recycling and composting because of the efforts of... of... of.... Oh yeah, that's where we need your help!

Put on your detective hat, polish your magnifying glass, and pull out your notebook and pencil. We need you on the case of the missing Kansas recycling (or composting) facility. Find the facility in your community, and fill in the blanks at right!

When you're done, cut out your feature facility report and mail it to us. We'll be using your entries to select feature facilities this school year—and we'll recognize you, the Super Sleuth, if your facility is chosen! So, please include your name, school and town along with your entry, and send it to Beth Carreno at the Bureau of Waste Management

Feature Facility Report

This recycling/composting (*circle one*) facility is located in _____ (town). It's easy to find, just _____

_____ (directions and address).
The facility opened in _____ (year) and really took off!
Now, it is open _____
_____ (days of the week and hours). At this facility, you can drop off _____

_____ (materials accepted).
This facility is unique because _____

_____ (one thing that makes it special in your community). The people who run the facility include _____
_____ (names or titles).
When I talked to them, they helped me understand _____
_____ (something you learned).

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Waste-free ways

Lunch time is too often waste time—and it doesn't need to be. If you bring your lunch to school, make it waste free. Here's how:

- Carry lunch in a reusable bag or box.
- Put sandwiches, chips, cookies, or small fruits or vegetables in reusable containers.
- Take fresh fruit, such as an apple or a banana, that comes in its own "package."
- Place your drink in a reusable container.
- Pack food that you'll eat.
- When you're done, put all your reusable containers back into your bag or box, take them home, and wash them for tomorrow's lunch.

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Health &
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Bureau of Waste
Management

we want to hear from you!

**KDHE/Bureau of Waste Management/
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